



FAG

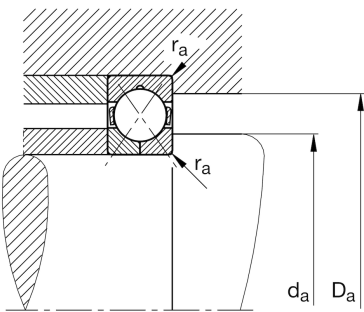
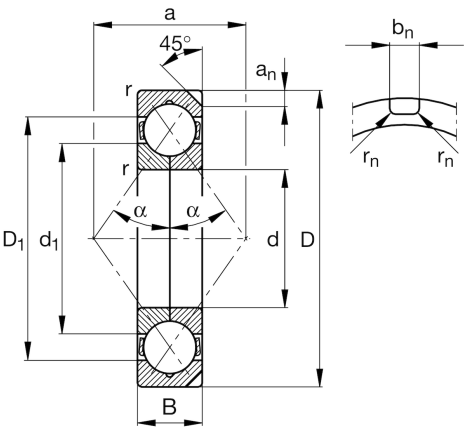
QJ1032-N2-MPA

Four-point contact bearing

Schaeffler ID:
0167421410000

Four point contact bearing QJ10...N2-MPA, holding grooves, solid brass cage

Technical information



Main Dimensions & Performance Data

d	160 mm	Bore diameter
D	240 mm	Outside diameter
B	38 mm	Width
C _r	231.000 N	Basic dynamic load rating, radial
C _{0r}	335.000 N	Basic static load rating, radial
C _{ur}	12.300 N	Fatigue load limit, radial
n _G	4.750 1/min	Limiting speed
n _{gr}	2.600 1/min	Reference speed
	6,5 kg	Weight

Mounting dimensions

d _{a min}	170 mm	Minimum diameter shaft shoulder
D _{a max}	230 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₁	212,8 mm	Shoulder diameter outer ring
d ₁	188,5 mm	Shoulder diameter inner ring
a	140 mm	Distance between the apexes of the pressure cones
a _n	10,1 mm	Height retaining slot
b _n	8,5 mm	Width retaining slot
r _n	2 mm	Radius retaining slot
	45 °	Angle retaining slot
α	35 °	Contact angle

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.